

Patent Abstracts of Japan

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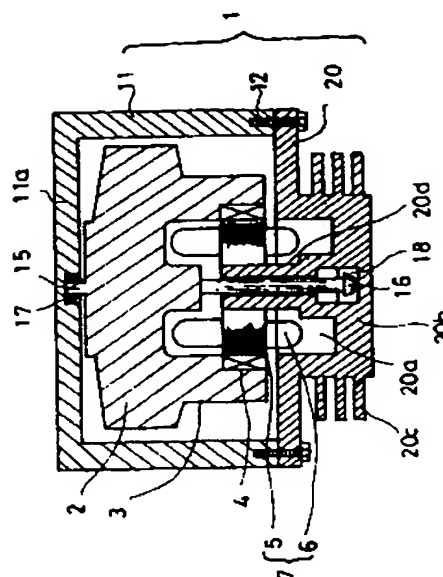
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TITLE : FLY-WHEEL POWER SOURCE APPARATUS



ABSTRACT : PURPOSE: To improve the heat dissipation of a stator and prevent an accident from being generated according to increasing heat, by a method wherein a stator frame of a dynamotor section which is connected to a fly-wheel is integrated with the bottom section of the casing of the fly-wheel.

CONSTITUTION: A magnet 4 is fixed under a fly-wheel 2 supported pivotally in a casing 1, and a rotational force is applied to the fly-wheel 2 confronting to the magnet 4, and a dynamotor section is formed by arranging a stator 7 for using the rotational force for electric power. And the stator frame 20d of the stator 4 is formed to be integrated with the bottom plate 20 of the casing 1 of the fly-wheel 2. As the result, the rising temperatures of the stator 7 can be controlled because the heat generated from the stator 7 is well transmitted and dissipated to the bottom plate 20.

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